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Notice of Allowability	Application No.	Applicant(s)	
	10/662,164	CHENG ET AL.	
	Examiner	Art Unit	
	Maikhanh Nguyen	2176	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--
 All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the Amendment filed 11/09/2007 & the telephonic interview 12/11/2007.
2. ☒ The allowed claim(s) is/are 1, 2, 5-8, 22, 23, 26-29, 45, and 47 (now renumbered as 1-14).
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
 - * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date _____ | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

William L. Bashore
WILLIAM BASHORE
PRIMARY EXAMINER

EXAMINER'S AMENDMENT

- I. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the Issue Fee.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the Issue Fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

- II. Authorization for this examiner's amendment was given in a telephone interview with Mr. Richard A. Hinson (Reg. No. 47, 652) on December 11, 2007.

The application has been amended as follows:

In the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method for storing electronic documents comprising the steps of:

associating at least one electronic document stored in a network storage system with an associative object represented by a digital seal, wherein the digital seal uniquely corresponds to an image of a seal, stamp, or tape that is visually displayable within a user interface;

displaying said image within said user interface;

presenting at least one multimedia object within said user interface, wherein said multimedia object is a user selectable representation for said associative object;

moving the displayed image within the user interface as said digital seal is associated with said at least one electronic document so as to visually simulate said image being affixed to said at least one electronic document;

generating an audio signal when the displayed image is moved adjacent to or over another image within the user interface representative of the at least one electronic document so as to audibly simulate said image being affixed to said at least one electronic document;

storing one or more metadata attributes for said associative object, said metadata attributes specifying one or more ~~one~~ characteristics related to said associative object, wherein at least one of said characteristics comprises one or more authorization codes required before allowing said at least one electronic document to be retrieved, and wherein at least one of said characteristics comprises biometric fingerprint data associated with at least one user; and

responsive to said document being associated with said associative object, modifying a storage location in said network storage system of said at least one electronic document based on at least one of said stored metadata attributes, wherein said modified storage location is at least one among a new physical storage location and a new logical storage location in said network storage system.

2. (Previously Presented) The method of claim 1, wherein said associative object is said digital seal.
3. – 4. (Cancelled)
5. (Currently Amended) The method of claim [[4]] 1, wherein at least one of said authorization codes is valid for a first user and invalid for a second user.
6. (Previously Presented) The method of claim 1, further comprising the step of:
associating a second digital seal with one of said at least one electronic document using a second associative object.
7. (Previously Presented) The method of claim 6, wherein said digital seal includes a first authorization code, and wherein said second digital seal includes a second authorization code, said method further comprising the step of:
requiring said first authorization code and said second authorization code before said one of at least one electronic document can be retrieved.
8. (Previously Presented) The method of claim 1, further comprising the steps of:
establishing a first authorization code for said digital seal, wherein said first authorization code is associated with a first image;
encoding said at least one associated electronic documents with a second authorization code associated with a second image; and,
decoding said at least one associated electronic documents using at least in part said first image.

9. – 21. (Cancelled)

22. (Currently Amended) A computer-readable storage medium having stored thereon, a computer program having a plurality of code sections, said code sections executable by a computer for causing the computer to perform the steps of:

associating at least one electronic document stored in a network storage system with an associative object represented by a digital seal, wherein the digital seal uniquely corresponds to an image of a seal, stamp, or tape that is visually displayable within a user interface;

displaying said image within said user interface;

presenting at least one multimedia object within said user interface, wherein said multimedia object is a user selectable representation for said associative object

moving the displayed image within the user interface as said digital seal is associated with said at least one electronic document so as to visually simulate said image being affixed to said at least one electronic document;

generating an audio signal when the displayed image is moved adjacent to or over another image within the user interface representative of the at least one electronic document so as to audibly simulate said image being affixed to said at least one electronic document;

storing one or more metadata attributes for said associative object, said metadata attributes specifying one or more ~~one~~ characteristics related to said associative object, wherein at least one of said characteristics comprises one or more authorization codes

required before allowing said at least one electronic document to be retrieved, and wherein at least one of said characteristics comprises biometric fingerprint data associated with at least one user; and

responsive to said document being associated with said associative object, modifying a storage location in said network storage system of said at least one electronic document based on at least one of said stored metadata attributes, wherein said modified storage location is at least one among a new physical storage location and a new logical storage location in said network storage system.

23. (Currently Amended) The computer-readable storage medium of claim 22, wherein said associative object is said digital seal.

24. – 25. (Cancelled)

26. (Currently Amended) The computer-readable storage medium of claim [[25]] 22, wherein at least one of said authorization codes is valid for a first user and invalid for a second user.

27. (Currently Amended) The computer-readable storage medium of claim 22, further comprising the step of:

associating a second digital seal with one of said at least one electronic document using a second associative object.

28. (Currently Amended) The computer-readable storage medium of claim 27, wherein said digital seal includes a first authorization code, and wherein said second

digital seal includes a second authorization code, said machine readable storage further comprising the step of:

requiring said first authorization code and said second authorization code before said one of at least one electronic document can be retrieved.

29. (Currently Amended) The computer-readable storage medium of claim 22, further comprising the steps of:

establishing a first authorization code for said digital seal, wherein said first authorization code is associated with a first image;

encoding said at least one associated electronic documents with a second authorization code associated with a second image; and,

decoding said at least one associated electronic documents using at least in part said first image.

30. – 44. (Cancelled)

45. (Currently Amended) The method of claim [4] 5, wherein at least one appearance attribute of said digital seal is altered in response to one of said required authorization codes being received and validated.

46. (Cancelled)

47. (Currently Amended) The computer-readable storage medium of claim [25]26, wherein at least one appearance attribute of said digital seal is altered in response to one of said required authorization codes being received and validated.

Contact information

- III. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Maikhanh Nguyen whose telephone number is (571) 272-4093. The examiner can normally be reached on Monday - Friday from 9:00am – 5:30 pm. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Doug Hutton can be reached at (571) 272-4137.

The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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